

patchalert

COLLABORATORS

	<i>TITLE :</i> patchalert	
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>
WRITTEN BY		January 9, 2023
		<i>SIGNATURE</i>

REVISION HISTORY

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Chapter 1

patchalert

1.1 PatchAlert 1.0 Guide

```
Press the different gadgets to inform yourself about this ↔  
program !
```

```
About this software
```

```
Disclaimer
```

```
Copyrights
```

```
Requirements
```

```
CLI/SHELL usage
```

```
Workbench usage
```

```
If activated
```

```
Distribution information
```

```
Test configurations
```

```
Bugs
```

```
History
```

```
Future
```

```
Comments
```

```
My address
```

```
Thanks
```

```
    READ THE  
DISCLAIMER  
    BEFORE YOU RUN  
PATCHALERT  
!
```

1.2 About this software

If you've been using your Amiga for a while, you can't have missed ←
 the
 Guru Meditation - Software Failure requester. When a program, for example,
 tries to free a memoryblock more than once, you'll get several \$01000005-
 alerts, and after a while a
 DEAD END
 alert. This force the machine to
 reboot, and you feel that you can throw your piece of garbage through the
 window, 'cause 4 hours of work is lost in a nano-second...

Here,

```
PatchAlert
  makes your day! By patching the
Alert
  () function in
exec.library, you'll be able to remove the task who failed, view the alert
or try to continue.
```

Some Viruscheckers may protest and say that vector -108 (or -\$6c) in
 exec.library is infected by some unknown virus. This 'virus' is

```
PatchAlert
'
```

so don't worry!

```
PatchAlert
  is FREeware, so you can use it and copy it as long as the
archive remains unchanged. No costs except for disks, copying and
distribution may be charged. If you're going to distribute
PatchAlert
  in
any way (except for aminet) please let me now.
```

Donations are welcome, but not needed. If you like this software, please
 let me know.

1.3 disclaimer

```
Once you've installed
PatchAlert
, the responsibility is all yours.
```

```
PatchAlert
  is distributed with no special purpose, and in no way can the
author be held responsible for any damage caused by the use or misuse of
this program.
No warranty is granted in any way by C.Beskow or Cub Arts Software.
```

1.4 copyrights

Amiga and everything associated with this computer is © Commodore- ↔
Amiga Inc

PatchAlert

and its code is © C.Beskow - Cub Arts Software - 1994.

You may not disassemble the code and/or change it in any way.

1.5 requirements

You need one or more Amiga(s) to run this software :) , and OS2.0 ↔
or

higher. You also need at least 2kB of free memory.

PatchAlert

won't work on

preOS2.0machines, so you better upgrade if you're still sitting on KS1.3...

KS1.2/1.3-version may come in the future..

(see

Future

for more details!)

1.6 CLI/SHELL usage

If you start

PatchAlert

from the CLI/SHELL, you've got 3 different options.

1.

PatchAlert

<return>

This will activate/deactivate

PatchAlert

. If you're running

PatchAlert

for

the first time, the Installed requester will appears. When started a second
time,

PatchAlert

removes itself, and displays the Removed requester.

2.

PatchAlert

NOREQ <return>

This work as

PatchAlert

<return>, but no requesters will be displayed. This

function is good if you put the program in S:user-startup.

3.

```
PatchAlert
INFO <return>
```

This will display some information. If patchalert is installed, the Information requester will display where in the memory that the patch is located.

1.7 Workbench Usage

```
The tooltypes supported is the same as the supported
CLI/SHELL
arguments.
```

If you place

```
PatchAlert
in your WBStartup-drawer, and set the tooltype to
```

NOREQ,

```
PatchAlert
will then perform a silent start. You can also set the
```

tooltype to INFO, which will display the Information requester for you. Only the first tooltype will be used. There's no use to have INFO and NREQ at the same time, as nothing will happen then... :)

If no tooltypes is set,

```
PatchAlert
will then behave like this:
```

If you want to Install/Remove

```
PatchAlert
via Workbench, so is this very
```

easy to do :) . Just double-click on the icon for

```
PatchAlert
. If
```

```
PatchAlert
isn't already installed, the Install requester will pop up. ↔
Otherwise,
```

you'll see the Removed requester.

1.8 If activated..

```
If a
DEAD END
```

alert occurs, sometimes the Software Failure requester pops up. Pressing the reboot-gadget will then invoke

```
PatchAlert
as described
```

below (if it's installed..)

If a program fails, and performs an

```
Alert
```

(), the PatchAlert AlertRequester
pops up and leaves three options:

```

Perform
    Alert
        Remove Task
Continue Task

```

If you want to view the Guru-Meditation requester, so press Perform
Alert

If the alert is a
DEAD END
alert, then this may reboot the machine.

Remove Task removes the failing program from the tasklist. If the program
have any screens or windows open, they'll remain open.

Continue Task performs the next instruction to be executed. This may result
in another alert or crash!

1.9 Distribution

If you're going to put this program on a compilation in any form, ↔
then the
archive MUST contain the following UNCHANGED files:

```

PatchAlert
    2336 bytes - the main program

PatchAlert
.info      465 bytes - its icon

PatchAlert
.guide    11112 bytes - this document

PatchAlert
.guide.info  855 bytes - my icon
1.xusers.readme  94 bytes - textfile for pre2.0users
pics/alertreq.iff  2680 bytes - example picture
pics/informationreq.iff 8224 bytes - example picture
pics/installedreq.iff 2010 bytes - example picture
pics/removedreq.iff 1730 bytes - example picture
pics/softfailure.iff 2380 bytes - example picture

```

If you're going to place
PatchAlert
on any compilation etc. , please let
me know! (exceptions : Aminet)

THIS PROGRAM MAY NOT BE SOLD! THIS IS A 100% FREeware PROGRAM!!

1.10 Test configurations:

PatchAlert
have been successfully tested on the following configuration(s):

Amiga 2000C equipped with
52 MB SCSI HD
2 MB FASTMEM
1 MB CHIPMEM
2 DD-DRIVES
PLAIN 68000 CPU

If you've got a different configuration, and excellent :) results, please let me know! Thanks in advance..

1.11 Known Bugs:

Known bugs:

Some DEAD END alerts isn't recognised. They still force the machine to reboot. :(

No other bugs known.

1.12 history

PatchAlert
1.0 (27-05-94)

First release.

Bugs: See

Known bugs

1.13 future

Bug mentioned in
Known bugs
will be removed :)

New Options:

- Windows and screens opened by removed program will be closed

1.14 comments

As english isn't my first language, this document may contain several grammatical mistakes.... Sorry..

1.15 address

If you want to contact me for some reason, feel free to do it with ↔
...

E-Mail : el9203@utb1.inh.hb.se

SnailMail : C.Beskow -
PatchAlert
Skomakarevägen 9
S-510 10 Horred
SWEDEN

N.B. The E-mail address is active until JUNE 1995

1.16 thanks

Thanks to (in no special order)

F.Fridmar	-	Enchantments on my A2000
Gunther Nikl	-	Help
Sandra	-	Sleeping site
Jörgen	-	Transports
F242	-	Never Stop!
FLA	-	No Limit (NOT 2 (un)limited)
Kollberg	-	Siel Opera 6
Stephen King	-	the books
Skivhugget	-	cheap CD:s
Åbro	-	XPP
the inventor of MIDI	-	I'm connected!
S.P.O.C.K.	-	everything
Big B	-	advices
IBM	-	the Important Bullshit Machines :)
Motorola	-	680x0
DM	-	Violator
Mats	-	more Transports
Pernilla	-	healing
Nina	-	the umbrella
Goff	-	Gnuff
Mr.Bean	-	Both of u!
You	-	You're using my software!!

and the rest who I forgot....

1.17 DEAD END

A DEAD END alert occurs when your Amiga crashes as deep as possible. The only way to solve this problem is to reboot...

Example of a DEAD END alert: \$81000005

1.18 alert

Alert is an exec.library function with offset -108 (DEC) -\$6c (HEX)

1.19 PatchAlert

PatchAlert is the SOFTWARE you're reading about.....

1.20 är
